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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet **1** of **9****Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**U.S. PATENT DOCUMENTS**

| Examiner | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------|-----------------------|---|--------------------------------|--|---|
|          | AA                    | US-3,171,549  | 03-02-1965                     | Orloff   |   |
|          | AB                    | US-4,655,257  | 04-07-1987                     | Iwashita   |   |
|          | AC                    | US-4,676,243  | 06-30-1987                     | Clayman  |   |
|          | AD                    | US-4,794,912  | 01-03-1989                     | Lia  |   |
|          | AE                    | US-4,883,400  | 11-28-1989                     | Kuban  |   |
|          | AF                    | US-4,954,952  | 09-04-1990                     | Ubhayakar  |   |
|          | AG                    | US-4,979,933  | 12-25-1990                     | Runge  |   |
|          | AH                    | US-4,980,626  | 12-25-1990                     | Hess   |   |
|          | AI                    | US-5,053,975  | 10-01-1991                     | Tsuchihashi  |   |
|          | AJ                    | US-5,056,031  | 10-08-1991                     | Nakano   |   |
|          | AK                    | US-5,065,741  | 11-19-1991                     | Uchiyama   |   |
|          | AL                    | US-5,145,227  | 09-08-1992                     | Monford  |   |
|          | AM                    | US-5,201,743  | 04-13-1993                     | Haber  |   |
|          | AN                    | US-5,209,747  | 05-11-1993                     | Knoepfler  |   |
|          | AO                    | US-5,217,003  | 06-08-1993                     | Wilk   |   |
|          | AP                    | US-5,235,510  | 08-10-1993                     | Yamada   |   |
|          | AQ                    | US-5,282,806  | 02-01-1994                     | Haber  |   |
|          | AR                    | US-5,357,962  | 10-25-1994                     | Green  |   |
|          | AS                    | US-5,402,801  | 04-04-1995                     | Taylor   |   |
|          | AT                    | US-5,452,733  | 09-26-1995                     | Sterman  |   |
|          | AU                    | US-5,458,574  | 10-17-1995                     | Machold  |   |
|          | AV                    | US-5,524,180  | 06-04-1996                     | Wang   |   |
|          | AW                    | US-5,619,992  | 04-15-1997                     | Guthrie  |   |
|          | AX                    | US-5,629,594  | 05-13-1997                     | Jacobus  |   |
|          | AY                    | US-5,631,973  | 05-20-1997                     | Green  |   |
|          | AZ                    | US-5,636,138  | 06-03-1997                     | Gilbert  |   |
|          | BA                    | US-5,649,956  | 06-22-1997                     | Jensen   |   |
|          | BB                    | US-5,657,429  | 08-12-1997                     | Wang   |   |
|          | BC                    | US-5,735,290  | 04-07-1998                     | Sterman  |   |
|          | BD                    | US-5,754,741  | 05-19-1998                     | Wang   |   |
|          | BE                    | US-5,779,623  | 04-14-1998                     | Bonnell  |   |
|          | BF                    | US-5,807,378  | 09-15-1998                     | Jensen   |   |
|          | BG                    | US-5,808,665  | 09-15-1998                     | Green  |   |
|          | BH                    | US-5,810,880  | 09-22-1998                     | Jensen   |   |
|          | BI                    | US-5,817,084  | 10-06-1998                     | Jensen   |   |
|          | BJ                    | US-5,876,325  | 03-02-1999                     | Mizuno   |   |

Examiner  
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Garland

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Considered

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<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet **2** of **9****Complete if Known**

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| Application Number     | 08/709,930        |
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| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

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|----------|-----------------------|---|--------------------------------|--|---|
|          | BK                    | US-5,907,664  | 05-25-1999                     | Wang   |   |
|          | BL                    | US-6,001,108  | 12-14-1999                     | Wang   |   |
|          | BM                    | US-6,063,095  | 05-16-2000                     | Wang   |   |
|          | BN                    | US-6,080,181  | 06-27-2000                     | Jensen   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
|-----------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
|                       |                          | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
|                       | BO                       | DE                        | 9 204 118           |                                   | 03-27-1992                     | Zeiss   |  |                          |
| SPB                   | BP                       | EP                        | 02 39 409           |                                   | 09-03-1987                     | Funakubo  |  | <input type="checkbox"/> |
| SPB                   | BQ                       | EP                        | 0776 738 A2         |                                   | 06-04-1997                     | Green   |  | <input type="checkbox"/> |
|                       | BR                       | FR                        | 2 593 106           |                                   | 07-24-1987                     | Royer   |  |                          |
| SPB                   | BS                       | WO                        | 95/01757            |                                   | 01-19-1995                     | Borst   |  | <input type="checkbox"/> |
| SPB                   | BT                       | WO                        | 91/04711            |                                   | 04-18-1991                     | Henrion   |  | <input type="checkbox"/> |
| SPB                   | BU                       | WO                        | 94/18881            |                                   | 09-01-1994                     | Sterman   |  | <input type="checkbox"/> |
| SPB                   | BV                       | WO                        | 93/13916            |                                   | 07-22-1993                     | Green   |  | <input type="checkbox"/> |
| SPB                   | BW                       | WO                        | 94/03113            |                                   | 02-17-1994                     | Wang  |  | <input type="checkbox"/> |
| SPB                   | BX                       | WO                        | 94/26167            |                                   | 11-24-1994                     | Jensen  |  | <input type="checkbox"/> |

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Sheet 3 of 9**Complete if Known**

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| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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|---------------------|-----------------------|---|----------------|
|                     | BY                    | <del>[Proposed] Order Granting Intuitive Surgical, Inc.'s Motion to Stay Pending Resolution of Interference Proceedings, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv-00-4988-CBM (RCx)</del>   |                |
| SRB                 | BZ                    | "Intuitive Surgical Sees The Future of Minimally Invasive Surgery," Panasonic Industrial/Medical Group, 1999  |                |
| SRB                 | CA                    | "Medicine Meets Virtual Reality: Discovering Applications for 3-D Multi-Media Interactive Technology in the Health Sciences," Medicine Meets VR, San Diego, CA, June 4-7 1992.  |                |
| SRB                 | CB                    | "The da Vinci™ Endoscopic Instrument Control System User Manual," Intuitive Surgical, Inc., 1999  |                |
|                     | CC                    | <del>RESERVED</del>   |                |
| SRB                 | CD                    | ALTAMURO, V.M., "Automatic Guided Vehicles and Robots," Mark's Standard Handbook for Mechanical Engineers, Ninth Edition, McGraw-Hill Book Company, New York, 1987  |                |
|                     | CE                    | <del>Annotated Figure 44 of Green's Application No. 08/709,930</del>  |                |
| SRB                 | CF                    | BOSE et al., "Tremor Compensation for Robotics Assisted Microsurgery," Proc. Ann. Int'l Conf. IEEE Engineering in Medicine and Biology Society, 14(3):1067-1068 (Oct. 1992)   |                |
| SRB                 | CG                    | CLEMENT et al., "An Overview of CAT [Computer Assisted Telemicromanipulator] Control in Nuclear Services," 1985 IEEE Conference on Robotics and Automation, pp. 713-717.  |                |
|                     | CH                    | <del>Complaint For Patent Infringement/Demand for Jury Trial filed by Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv 00-4988-CBM (RCx), May 10, 2000</del>  |                |
|                     | CI                    | <del>Complaint Pursuant to 35 U.S.C. § 146 to Set Aside Judgments of the United States Patent and Trademark Office, filed July 26, 2002, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. L 02-5888-MMM (RZx)</del>                                  |                |
|                     | CJ                    | <del>Computer Motion, Inc.'s Responses and Objections to interrogatories and claim charts, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv 00-4988-CBM (RCx), January 18, 2001</del>   |                |
|                     | CK                    | <del>Decision on Appeal, Ex parte Philip S. Green, "Appeal" No. 2001-0364, December 22, 2000</del>  |                |
|                     | CL                    | <del>Decision on Green Miscellaneous Motion 1 dated March 22, 2001 (Paper No. 41), Wang v. Green, Interference No. 104,644</del>  |                |

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Signature*Garland*

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PTO/SB/08B (10-01)

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Sheet 4 of 9

## **Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|-----------------------|---|----------------|
| <del>CM</del>       | <del>CM</del>         | <del>Decision on Green-Request for Reconsideration and Final Judgment (Paper No. 81), May 28, 2002, Wang v. Green, Interference No. 104,643</del>   | <del></del>    |
| <del>CN</del>       | <del>CN</del>         | <del>Decision on Preliminary Motions (Paper No. 97), March 30, 2002, Wang v. Green, Interference No. 104,645</del>  | <del></del>    |
| <del>CO</del>       | <del>CO</del>         | <del>Decision on Preliminary Motions 2, 4 and 5 and Judgment (Paper No. 405), May 28, 2002, Wang v. Green, Interference No. 104,645</del>   | <del></del>    |
| <del>CP</del>       | <del>CP</del>         | <del>Decision on Preliminary Motions and Judgment (Paper No. 80), March 30, 2002, Wang v. Green, Interference No. 104,644</del>   | <del></del>    |
| <del>CQ</del>       | <del>CQ</del>         | <del>Decision on Preliminary Motions And Order For Party Green To Show Cause (Paper No. 76), March 30, 2002, Wang v. Green, Interference No. 104,643</del>  | <del></del>    |
| <del>CR</del>       | <del>CR</del>         | <del>Declaration of Craig P. Wong (In Support of Green Preliminary Motion Nos. 6 &amp; 7) dated March 6, 2001, Wang v. Green, Interference No. 104,645</del>  | <del></del>    |
| <del>CS</del>       | <del>CS</del>         | <del>Declaration of David M. Shaw (In Support of Green Opposition 2) dated April 9, 2001, Wang v. Green, Interference No. 104,644</del>   | <del></del>    |
| <del>CT</del>       | <del>CT</del>         | <del>Declaration of David M. Shaw (In Support of Green Preliminary Motion No. 2), dated March 6, 2001, Wang v. Green, Interference No. 104,643</del>  | <del></del>    |
| <del>CU</del>       | <del>CU</del>         | <del>Declaration of David M. Shaw (In Support of Green Preliminary Motion 2) dated March 6, 2001, Wang v. Green, Interference No. 104,644</del>   | <del></del>    |
| <del>CV</del>       | <del>CV</del>         | <del>Declaration of David M. Shaw (In Support of Green Preliminary Motion 1) dated February 21, 2001, Wang v. Green, Interference No. 104,645</del>   | <del></del>    |
| <del>CW</del>       | <del>CW</del>         | <del>Declaration of David M. Shaw (In Support of Green Preliminary Motion 3) dated March 1, 2001, Wang v. Green, Interference No. 104,645</del>   | <del></del>    |
| <del>CX</del>       | <del>CX</del>         | <del>Declaration of David Shaw (In Support of Miscellaneous Motion No. 1) dated February 12, 2001, Wang v. Green, Interference No. 104,644</del>  | <del></del>    |
| <del>CY</del>       | <del>CY</del>         | <del>Declaration of Dr. Susan Hackwood (In support of Wang Opposition to Green Preliminary Motion 2) dated April 2001, Wang v. Green, Interference No. 104,644</del>  | <del></del>    |
| <del>CZ</del>       | <del>CZ</del>         | <del>Declaration of Dr. Yulun Wang (In Support of Wang Opposition 2) dated April 17, 2001, Wang v. Green, Interference No. 104,643</del>  | <del></del>    |

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*Garland*

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|---------------------|-----------------------|---|----------------|
| <del>DA</del>       | <del>DA</del>         | <del>Declaration of Dr. Yulun Wang (In Support of Wang Opposition to Green Preliminary Motion 2) dated April 17, 2001, Wang v. Green, Interference No. 104,645</del>  |                |
| <del>DB</del>       | <del>DB</del>         | <del>Declaration of Dr. Yulun Wang (In Support of Wang Opposition to Green Preliminary Motion 2) dated April 17, 2001, Wang v. Green, Interference No. 104,644</del>  |                |
| <del>DC</del>       | <del>DC</del>         | <del>Declaration of Dr. Yulun Wang (In Support of Wang Preliminary Motion 2) dated March 7, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
| <del>DD</del>       | <del>DD</del>         | <del>Declaration of J. Kenneth Salisbury Jr. (In Support of Green Reply 2) dated June 6, 2000, Wang v. Green, Interference No. 104,643</del>  |                |
| <del>DE</del>       | <del>DE</del>         | <del>Declaration of J. Kenneth Salisbury Jr. (In Support of Green Opposition 1) dated April 10, 2001, Wang v. Green, Interference No. 104,645</del>   |                |
| <del>DF</del>       | <del>DF</del>         | <del>Declaration of J. Kenneth Salisbury Jr. (In Support of Green Opposition 2) dated April 16, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
| <del>DG</del>       | <del>DG</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Preliminary Motion Nos. 7 &amp; 9) dated March 6, 2001, Wang v. Green, Interference No. 104,645</del>  |                |
| <del>DH</del>       | <del>DH</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Preliminary Motions 1-3) signed March 6, 2001, Wang v. Green, Interference No. 104,643</del>   |                |
| <del>DI</del>       | <del>DI</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Preliminary Motion 2) dated March 6, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
| <del>DJ</del>       | <del>DJ</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Preliminary Motion 4) dated March 6, 2001, Wang v. Green, Interference No. 104,645</del>   |                |
| <del>DK</del>       | <del>DK</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Preliminary Motion 6) dated March 7, 2001, Wang v. Green, Interference No. 104,645</del>   |                |
| <del>DL</del>       | <del>DL</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Reply 2) dated June 7, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
| <del>DM</del>       | <del>DM</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In Support of Green Reply 4) dated May 4, 2001, Wang v. Green, Interference No. 104,645</del>  |                |
| <del>DN</del>       | <del>DN</del>         | <del>Declaration of J. Kenneth Salisbury, Jr. (In support of Miscellaneous Motion No. 1) dated February 12, 2001, Wang v. Green, Interference No. 104,644</del>   |                |

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|---------------------|-----------------------|---|----------------|
|                     | DO                    | <del>Declaration of Jan. P. Weir In Support of Wang Miscellaneous Motion 1 dated May 15, 2001, Wang v. Green, Interference No. 104,644</del>  |                |
|                     | DP                    | <del>Declaration of Mark D. Barrish (In Support of Green's Opposition to Wang's Miscellaneous Motion of May 15, 2001) dated May 22, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
|                     | DQ                    | <del>Declaration of Philip S. Green (In Support of Green Preliminary Motion No. 2) signed March 6, 2001, Wang v. Green, Interference No. 104,643</del>  |                |
|                     | DR                    | <del>Declaration of Philip S. Green (In Support of Green Preliminary Motion, 2), dated March 6, 2001, Wang v. Green, Interference No. 104,644</del>   |                |
|                     | DS                    | <del>Declaration of Philip S. Green (In Support of Green Preliminary Motion No. 4) dated March 6, 2001, Wang v. Green, Interference No. 104,645</del>   |                |
| SR-6                | DT                    | Definition of "attach", Random House Webster's College Dictionary, Random House, Inc., New York, 1997   |                |
| SR-6                | DU                    | Definition of "coupled", Webster's College Dictionary, Random House, Inc., New York, 1991   |                |
| SR-6                | DV                    | Definition of "coupler", Webster's College Dictionary, Random House, Inc., New York, 1991   |                |
| SR-6                | DW                    | Definition of "establish", "original" and "position", Webster's College Dictionary, Random House, Inc., New York, 1991  |                |
| SR-6                | DX                    | Definition of "gimbals", Webster's College Dictionary, Random House Inc., New York, 1994  |                |
| SR-6                | DY                    | Definition of "instrument", Stedman's Medical Dictionary, 26th Edition, Williams & Wilkins, Baltimore, 1995   |                |
| SR-6                | DZ                    | Definition of "instrument", Webster's College Dictionary, Random House, Inc., New York, 1991  |                |
| SR-6                | EA                    | Definition of "proportional", Random House Webster's College Dictionary, Random House, Inc., New York, 1997   |                |
| SR-6                | EB                    | Definition of "surgical", Webster's College Dictionary, Random House, Inc., New York, 1991  |                |

Examiner  
Signature

Garland

Date  
Considered

6/12/03

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 7 of 9**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|-----------------------|---|----------------|
|                     | EC                    | Deposition of Ben J. Yorks on September 22, 2000, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv-00-4899 CBM (RCx), Wang v. Green, Interference No. 104,645   |                |
|                     | ED                    | Deposition of J. Kenneth Salisbury, Jr., Wang v. Green, Interference No. 104,643, April 4, 2001   |                |
|                     | EE                    | Deposition of J. Kenneth Salisbury, Jr., Wang v. Green, Interference No. 104,644, April 4, 2001   |                |
|                     | EF                    | Dr. Yulun Wang Verification of Response, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv-00-4988 CBM (RCx), September 29, 2002   |                |
|                     | EG                    | First Amended Complaint For Patent Infringement, Computer Motion, Inc. v. Intuitive Surgical, Inc., Case No. cv-00-4988 CBM (RCx), Wang v. Green, Interference No. 104,645  |                |
| snb                 | EH                    | FISHER, S.S., "Telepresence Master Glove Controller for Dexterous Robotic End-Effectors," SPIE, Vol. 726, Intelligent Robots and Computer Vision: Fifth in a Series, pp. 396-401, 1986  |                |
| snb                 | EI                    | FU et al., "Robotics: Control, Sensing, Vision and Intelligence," McGraw-Hill Book Company, 1987.<br>Contents pages vii, viii, ix   |                |
| snb                 | EJ                    | HANNAFORD et al., "Performance Evaluation of Six-Axis Generalized Force-Reflecting Teleoperator" 21/3 IEEE Transactions on Systems, Man and Cybernetics, Vol. 21, No. 3 (May/June 1991) at 621, col. 2  |                |
| snb                 | EK                    | HEER, ed., Remotely Manned Systems: Exploration and Operation in Space, Proceedings of the First National Conference, California Institute of Technology, Pasadena, CA, September 13-15, 1972   |                |
| snb                 | EL                    | http://www.computermotion.com/pressr114.html, News Release "Computer Motion Receives Additional Broad-Based Medical Robotics Patent," June 2, 2000  |                |
|                     | EM                    | http://www.computermotion.com/wang.html, Computer Motion Profile of Yulun Wang, Ph.D., for Wang v. Green, Interference No. 104,645  |                |
| snb                 | EN                    | HUNTER et al., "Ophthalmic Microsurgical Robot and Associated Virtual Environment," Computer Biol. Med. 125(2):173-182 (1995)   |                |
|                     | EO                    | Judgment (Paper No. 82), May 28, 2002, Wang v. Green, Interference No. 104,644  |                |
| snb                 | EP                    | KRISHNAN et al., "Design considerations of a new generation endoscope using robotics and computer vision technology" Abstract No. 276, Session CL 25/2, 1 page, June 1992   |                |

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Signature

Garland

Date

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6/12/02

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Sheet 8 of 9

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|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|-----------------------|---|----------------|
| 5nb                 | EQ                    | MAIR, "Industrial robotics" Prentice Hall Publishers, New York, pp. 41-54, 203-209  |                |
| 5NB                 | ER                    | OGATA, K., <u>Modern Control Engineering</u> , 2nd Edition, selected pages 1-4, and 8-9, Prentice Hall, Englewood Cliffs, New Jersey, 1990  |                |
|                     | ES                    | <del>Order re CMP's Motion dated February 1, 2001; Computer Motion, Inc. v. Intuitive Surgical, Inc., cv. 00-4988-CBM (RCx), Wang v. Green, Interference No. 104,645</del>  |                |
|                     | ET                    | <del>Second Amended Complaint For Patent Infringement/Demand for Jury Trial dated October 30, 2000; Computer Motion v. Intuitive Surgical, Inc., Case No. cv 00-4988-CBM (RCx) for Wang v. Green, Interference No. 104,645</del>                                |                |
|                     | EU                    | <del>Statutory Declaration of Dr. Philip S. Green, "European Patent Convention in the Matter of EP-B-653922; Mathys &amp; Squire, 100 Gray's Inn Road, London WC1X 8AL, United Kingdom, Ref. IK/I-12053</del>   |                |
| 5NB                 | EV                    | TAYLOR et al., "A Telerobotic Assistant for Laparoscopic Surgery," <u>Engineering in Medicine and Biology</u> , May-June 1995, pp. 279-288  |                |
| 5nb                 | EW                    | THRING, M.W., <u>Robots and Telechairs: Manipulators with Memory, Remote Manipulators, Machine Limbs for the Handicapped</u> , Ellis Horwood Limited, Chichester, 1983.   |                |
|                     | EX                    | <del>Transcript of Green Video: Telepresence Surgery: The Future of Minimally Invasive Medicine, 04/92, Wang v. Green, Interference No. 104,643</del>   |                |
| 5NB                 | EY                    | VERTUT et al., "Sensor aided and/or computer-aided bilateral teloperation system (SCATS)," Fifth CISM-IFTOMM Symposium, Theory and Practice of Robots and Manipulators, Proceedings of RoManSy '84, part 4, MIT Press, Cambridge, Massachusetts, 1985           |                |
|                     | EZ                    | <del>Video Tape of Test Conducted by Dr. Peter Geis; "Zeus" prototype operation and discussion", December 3, 1995, Wang v. Green, Interference No. 104,645</del>  |                |
|                     | FA                    | <del>Video Tape of Test Conducted by Dr. Peter Yang, "Zeus" prototype and instrument", December 28, 1995, Wang v. Green, Interference No. 104,645</del>   |                |
|                     | FB                    | <del>Wang Video, Reenactment of a demonstration that took place on July 31, 1995, Wang v. Green, Interference No. 104,644</del>   |                |
|                     | FC                    | <del>Wang's original Exhibit 2028 (Deposition of J. Kenneth Salisbury, Jr., Wang v. Green, Interference No. 104,643) as served on Green on April 18, 2001, Wang v. Green, Interference No. 104,644</del>  |                |
|                     | FD                    | Wang's Record on CD-Rom; Wang v. Green, Interference No. 104,643  |                |

Examiner  
Signature*Garland*

Date

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|-------|---|----|---|
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|-------|---|----|---|

**Complete if Known**

|                               |                   |
|-------------------------------|-------------------|
| <b>Application Number</b>     | 08/709,930        |
| <b>Filing Date</b>            | September 9, 1996 |
| <b>First Named Inventor</b>   | GREEN, PHILIP S.  |
| <b>Art Unit</b>               | 2786              |
| <b>Examiner Name</b>          | GARLAND, STEVEN   |
| <b>Attorney Docket Number</b> | 00287S-004820US   |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

no documents  
listed on this page  
5-6

|                       |                 |                    |         |
|-----------------------|-----------------|--------------------|---------|
| Examiner<br>Signature | <i>H. J. L.</i> | Date<br>Considered | 6/12/03 |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 9**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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|------------------------|--------------------------|---|----------------|
|                        | AA                       | Notice Declaring Interference (Paper No. 1) dated December 7, 2000, Wang v. Green, Interference No. 104,643   |                |
|                        | AB                       | Supplementary Amendment, filed on June 28, 2000 in Green Application No. 08/709,930   |                |
|                        | AC                       | Final Office Action (Paper No. 29) dated July, 19, 2000 in Green Application No. 08/709,930   |                |
|                        | AD                       | Fourth Supplementary Preliminary Amendment and Request for Interference With U.S. Patent No. 5,907,664 Under 37 C.F.R. § 1.607, filed on July 14, 1999 in Green Application No. 08/709,930  |                |
|                        | AE                       | Interference Initial Memorandum dated November 15, 2000, Wang v. Green, Interference No. 104,643  |                |
|                        | AF                       | Examiner Interview Summary Record dated of March 12, 1997 (Paper No. 5) in Wang Application No. 08/613,866  |                |
|                        | AG                       | Amendment and Response Under 37 C.F.R. 1.111 dated April 30, 1997 in Wang Application No. 08/613,866  |                |
|                        | AH                       | Return of Papers (Paper No. 25) dated March 12, 2001, Wang v. Green, Interference No. 104,643   |                |
|                        | AI                       | Amendment Under 37 C.F.R. § 1.115 dated May 6, 1994 in Wang Application No. 07/927,801  |                |
|                        | AJ                       | Amendment Under 37 C.F.R. § 1.115 filed November 29, 1994 in Wang Application No. 08/167,704  |                |
|                        | AK                       | Amendment Under 37 C.F.R. § 1.115 filed May 2, 1994 in Wang Application No. 08/005,604  |                |
|                        | AL                       | Notice Declaring Interference (Paper No. 1) dated December 8, 2000, Wang v. Green, Interference No. 104,644   |                |
|                        | AM                       | Third Supplementary Preliminary Amendment and Request for Interference With U.S. Patent No. 5,815,640 Under 37 C.F.R. 1.607 filed on July 14, 1999 in Green Application No. 08/709,930  |                |
|                        | AN                       | Office Action (Paper No. 22) dated February 11, 2000 in Green Application No. 08/709,930  |                |

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Signature*Garland*Date  
Considered*6/12/03*

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3 of 9**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

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|---------------------|-----------------------|---|----------------|
|                     | AO                    | Amendment filed May 11, 2000 in Green Application No. 08/709,930  |                |
|                     | AP                    | Supplementary Amendment filed June 28, 2000 in Green Application No. 08/709,930   |                |
|                     | AQ                    | Final Office Action (Paper No. 29) dated July 19, 2000 in Green Application No. 08/709,930  |                |
|                     | AR                    | Notice Declaring Interference (Paper No. 1) dated December 8, 2000, Wang v. Green, Interference No. 104,645   |                |
|                     | AS                    | Order Setting Times (Paper No. 20) dated January 30, 2001, Wang v. Green, Interference No. 104,644  |                |
|                     | AT                    | File History for Wang U.S. Patent No. 5,815,640, issued Sept. 29, 1998  |                |
|                     | AU                    | Wang U.S. Patent Application No. 07/927,801, filed August 10, 1992  |                |
|                     | AV                    | Continuation Application Transmittal dated September 13, 1994 for Wang Application No. 08/305,415   |                |
|                     | AW                    | Preliminary Amendment Under 37 C.F.R. § 1.115 filed September 13, 1994 in Wang Application No. 07/927,801   |                |
|                     | AX                    | Supplementary Preliminary Amendment and Request for Interference With U.S. Patent No. 5,878,193 Under 37 C.F.R. § 1.607 filed May 28, 1999 in Green Application No. 08/709,930  |                |
|                     | AY                    | Order (Paper No. 44) dated April 11, 2001, Wang v. Green, Interference No. 104,644  |                |
|                     | AZ                    | Wang's Opposition to Green Preliminary Motion 2 filed April 18, 2001, Wang v. Green, Interference No. 104,644   |                |
|                     | BA                    | Green Request for Cross Examination of Hackwood filed April 27, 2001, Wang v. Green, Interference No. 104,644   |                |
|                     | BB                    | Wang's Supplemental Citation of Cross Examination Testimony From Dr. Kenneth Salisbury in Support of Wang's Opposition to Green Preliminary Motion 2 filed May 7, 2001, Wang v. Green, Interference No. 104,644   |                |

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**INFORMATION DISCLOSURE  
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Sheet 4 of 9**Complete if Known**

|                        |                   |
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| Application Number     | 08/709,930        |
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| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

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|---------------------|-----------------------|---|----------------|
|                     | BC                    | Order (Paper No. 52) dated May 9, 2001, Wang v. Green, Interference No. 104,644   |                |
|                     | BD                    | Order (Paper No. 53) dated May 11, 2001, Wang v. Green, Interference No. 104,644  |                |
|                     | BE                    | Wang's Amended Opposition to Green Preliminary Motion 2 filed May 15, 2001, Wang v. Green, Interference No. 104,644   |                |
|                     | BF                    | Wang's Opposition to Green's Preliminary Motion 4, Wang v. Green, Interference No. 104,645  |                |
|                     | BG                    | Office Action (Paper No. 5) dated March 25, 1994 in Wang Application No. 07/927,801   |                |
|                     | BH                    | Amendment Under 37 C.F.R. § 1.115 filed May 2, 1994 in Wang Application No. 07/927,801  |                |
|                     | BI                    | Final Office Action (Paper No. 7) dated August 2, 1994 in Wang Application No. 07/927,801   |                |
|                     | BJ                    | Wang U.S. CIP Patent Application No. 08/005,604 filed January 18, 1993  |                |
|                     | BK                    | Office Action (Paper No. 3) dated March 24, 1994 in Wang Application No. 08/005,604   |                |
|                     | BL                    | Final Office Action (Paper No. 5) dated July 21, 1994 in Wang Application No. 08/005,604  |                |
|                     | BM                    | Wang U.S. Continuation Patent Application No. 08/305,796, filed September 13, 1994  |                |
|                     | BN                    | Office Action (Paper No. 13) dated August 21, 1995 in Wang Application No. 08/305,796   |                |
|                     | BO                    | Amendment Under 37 C.F.R. § 1.115 filed November 21, 1995 in Wang Application No. 08/305,796  |                |
|                     | BP                    | Wang U.S. CIP Patent Application No. 08/072,982, filed June 3, 1993   |                |

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Signature

Garland

Date  
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PTO/SB/08B (10-01)

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Sheet 5 of 9**Complete if Known**

|                        |                   |
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| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

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|------------------------|--------------------------|---|----------------|
|                        | BQ                       | Office Action (Paper No. 8) dated June 21, 1995 in Wang Application No. 08/072,982  |                |
|                        | BR                       | Examiner Interview Summary (Paper No. 10) of July 31, 1995 in Wang Application No. 08/072,982   |                |
|                        | BS                       | Amendment Under 37 C.F.R. § 1.115 filed August 11, 1995 in Wang Application No. 08/072,982  |                |
|                        | BT                       | Wang U.S. Patent Application No. 08/167,704 filed December 15, 1993   |                |
|                        | BU                       | Office Action (Paper No. 4) dated September 26, 1994 in Wang Application No. 08/167,704   |                |
|                        | BV                       | Amendment Under 37 C.F.R. § 1.115 filed September 26, 1994 in Wang Application No. 08/167,704   |                |
|                        | BW                       | Final Office Action (Paper No. 6) dated March 6, 1995 in Wang Application No. 08/167,704  |                |
|                        | BX                       | Wang U.S. Divisional Patent Application No. 08/346,537, filed November 29, 1994   |                |
|                        | BY                       | Preliminary Amendment Under 37 C.F.R. § 1.115 filed November 29, 1994 in Wang Application No. 08/346,537  |                |
|                        | BZ                       | Wang U.S. Continuation Patent Application No. 08/481,926, filed June 6, 1995  |                |
|                        | CA                       | Amendment Under 37 C.F.R. § 1.115 filed April 3, 1995 in Wang Application No. 08/167,704  |                |
|                        | CB                       | Office Action (Paper No. 12) dated September 26, 1996 in Wang Application No. 08/481,926  |                |
|                        | CC                       | Amendment Under 37 C.F.R. § 1.115 filed December 20, 1996 in Wang Application No. 08/481,926  |                |
|                        | CD                       | Wang U.S. Patent Application No. 08/603,543, filed February 20, 1996  |                |

Examiner  
Signature*Garland*Date  
Considered

6/12/02

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 6 of 9

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|-----------------------|---|----------------|
|                     | CE                    | Office Action (Paper No. 5) dated March 17, 1997 and Response to Restriction Requirement filed April 16, 1997 in Wang Application No. 08/603,543  |                |
|                     | CF                    | Office Action (Paper No. 7) dated August 19, 1997 in Wang Application No. 08/603,543  |                |
|                     | CG                    | Amendment Under 37 C.F.R. § 1.115 filed September 22, 1997 in Wang Application No. 08/603,543   |                |
|                     | CH                    | Terminal Disclaimer To Obviate a Double Patenting Rejection Over a Prior Patent (Paper No. 10) filed September 22, 1997 in Wang Application No. 08/603,543  |                |
|                     | CI                    | Notice of Allowability/Notice of Allowance and Issue Fee Due (Paper No. 11) dated December 23, 1997 in Wang Application No. 08/603,543  |                |
|                     | CJ                    | Wang U.S. Patent Application No. 08/755,063, filed November 22, 1996  |                |
|                     | CK                    | Transmittal of Formal Drawings and Petition for Extension of Time filed October 16, 1998 in Wang Application No. 08/755,063   |                |
|                     | CL                    | Office Action (Paper No. 4) dated October 15, 1997 in Wang Application No. 08/755,063   |                |
|                     | CM                    | Amendment and Response Under 37 C.F.R. 1.111 dated April 20, 1998 in Wang Application No. 08/755,063  |                |
|                     | CN                    | Terminal Disclaimer to Obviate a Double Patenting Rejection Over A Prior Patent dated April 20, 1998 in Wang Application No. 08/755,063   |                |
|                     | CO                    | Notice of Allowability and Notice of Allowance and Issue Fee Due dated May 22, 1998 in Wang Application No. 08/755,063  |                |
|                     | CP                    | Wang U.S. Continuation Patent Application No. 09/000,933, filed December 30, 1997   |                |
|                     | CQ                    | Office Action dated March 31, 1999 in Wang Application No. 09/000,933   |                |
|                     | CR                    | Notice of Allowability and Notice of Allowance and Issue Fee Due dated April 19, 1999 in Wang Application No. 09/000,933  |                |

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Signature

Garland

Date  
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Sheet 7 of 9

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 08/709,930        |
| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

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|---------------------|-----------------------|---|----------------|
|                     | CS                    | Final Office Action (Paper No. 29) dated July 19, 2000 in Green Application No. 08/709,930  |                |
|                     | CT                    | Second Supplementary Preliminary Amendment And Request For Interference With U.S. Patent No. 5,855,583 filed June 3, 1999 in Green Application No. 08/709,930   |                |
|                     | CU                    | Interference Initial Memorandum dated November 15, 2000, Wang v. Green, Interference No. 104,645  |                |
|                     | CV                    | Green U.S. Patent Application No. 07/823,932  |                |
|                     | CW                    | Figure 11 of Green Application No. 07/823,932   |                |
|                     | CX                    | Figure 9 of Jensen U.S. Patent No. 5,649,956  |                |
|                     | CY                    | Figure 1 of Jensen U.S. Patent No. 5,649,956  |                |
|                     | CZ                    | Figure 1 of Green Application No. 07/823,932  |                |
|                     | DA                    | Jensen U.S. Continuation Patent Application No. 09/353,536, filed July 14, 1999   |                |
|                     | DB                    | Preliminary Amendment filed on July 14, 1999 in Jensen Application No. 09/353,536   |                |
|                     | DC                    | Supplementary Preliminary Amendment and Request for Interference With U.S. Patent No. 5,855,583 Under 37 C.F.R. § 1.607 filed March 10, 2000 in Jensen Application No. 09/353,536   |                |
|                     | DD                    | Status Request filed on July 12, 2000 in Jensen Application No. 09/353,536  |                |
|                     | DE                    | Jensen U.S. Patent Application No. 08/485,587   |                |
|                     | DF                    | Wang U.S. Patent Application No. 09/156,994 filed on September 18, 1998   |                |

|                    |                |                 |         |
|--------------------|----------------|-----------------|---------|
| Examiner Signature | <i>Garland</i> | Date Considered | 6/12/03 |
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Sheet 8 of 9

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
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| Filing Date            | September 9, 1996 |
| First Named Inventor   | GREEN, PHILIP S.  |
| Art Unit               | 2786              |
| Examiner Name          | GARLAND, STEVEN   |
| Attorney Docket Number | 00287S-004820US   |

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|---------------------|-----------------------|---|----------------|
|                     | DG                    | Office Action dated July 26, 1999 in Wang Application No. 09/156,994  |                |
|                     | DH                    | Terminal Disclaimer to Obviate a Double Patenting Rejection Over a Prior Patent dated October 29, 1999 in Wang Application No. 09/156,994   |                |
|                     | DI                    | Second Supplemental Preliminary Amendment filed January 3, 2001 in Jensen Application No. 09/353,536  |                |
|                     | DJ                    | Request for Interference With U.S. Patent No. 6,063,095 Under 37 C.F.R. § 1.607 filed January 3, 2001 in Jensen Application No. 09/353,536  |                |
|                     | DK                    | File History for Wang Application No. 09/156,994, Patent No. 6,063,095  |                |
|                     | DL                    | Green U.S. Patent Application No. 08/709,965  |                |
|                     | DM                    | Jensen U.S. Patent Application No. 08/062,404   |                |
|                     | DN                    | Notice of Abandonment (Paper No. 33) dated March 4, 1997 in Green Application No. 07/823,932  |                |
|                     | DO                    | Petition Under 37 C.F.R. § 1.48(a) To Change Inventorship filed on January 3, 2001 in Jensen Application No. 09/353,536   |                |
|                     | DP                    | Jensen U.S. Patent Application No. 09/105,706, filed on June 26, 1998   |                |
|                     | DQ                    | Jensen U.S. Patent Application No. 08/848,934 filed on May 1, 1997  |                |
|                     | DR                    | Third Supplemental Preliminary Amendment in Jensen Application 09/353,536, filed with Green Record in Wang v. Green, Interference No. 104,645   |                |
|                     | DS                    | File History of Green Application No. 09/353,536  |                |
|                     | DT                    | File History of Green Application No. 09/105,706  |                |

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Signature

Garland

Date  
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6/12/02

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|   |   | Application Number       | 08/709,930        |                        |                 |
|   |   | Filing Date              | September 9, 1996 |                        |                 |
|   |   | First Named Inventor     | GREEN, PHILIP S.  |                        |                 |
|   |   | Art Unit                 | 2786              |                        |                 |
|   |   | Examiner Name            | GARLAND, STEVEN   |                        |                 |
| Sheet   | 9 | of                       | 9                 | Attorney Docket Number | 00287S-004820US |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|--|-----------------------|---|----------------|
| Examiner Initials *                                | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  | DU                    | File History of Green Application No. 08/848,934  |                |
|  | DV                    | File History of Green Application No. 08/485,587  |                |
|  | DW                    | File History of Green Application No. 07/823,932  |                |
|  | DX                    | Return of Papers (Paper No. 23) dated March 12, 2001, Wang v. Green, Interference No. 104,645   |                |
|  | DY                    | Wang's Preliminary Motion 1, filed March 7, 2001, Wang v. Green, Interference No. 104,645   |                |
|  | DZ                    | Amendment filed March 21, 2001 in Jensen Application No. 09/353,536   |                |
|  | EA                    | Wang's Preliminary Motion 2, filed March 7, 2001, Wang v. Green, Interference No. 104,644   |                |
|  | EB                    | Office Action dated May 10, 2001 in Jensen Application No. 09/353,536   |                |
|  |                       |   |                |
|  |                       |   |                |
|  |                       |   |                |

|                    |                |                 |         |
|--------------------|----------------|-----------------|---------|
| Examiner Signature | <i>Garland</i> | Date Considered | 6/12/03 |
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